

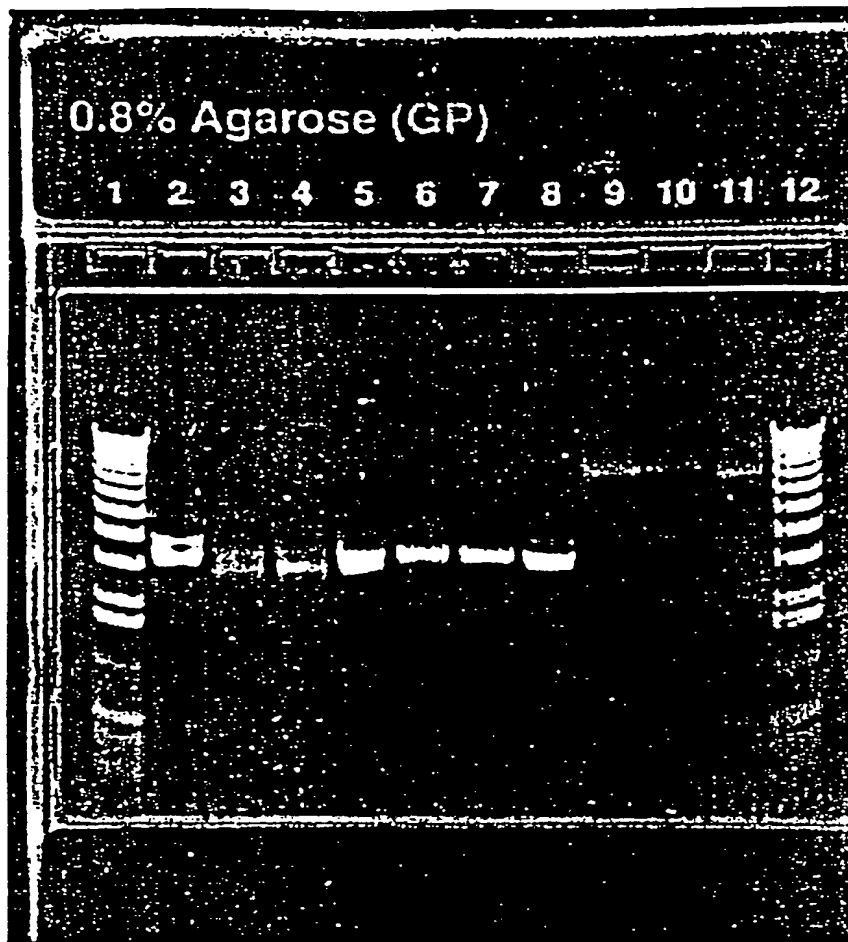
**Figure 1. Agarose Gel Electrophoresis of DNA isolated from whole blood using MagaCell™ or Qiagen QIAamp DNA Mini Kit, showing high molecular weight DNA isolated by both techniques.**

**Lane 1: 1 Kb DNA Ladder**

**Lane 2: Calf thymus DNA Control**

**Lanes 3, 5, 7, 9, and 11: DNA isolated by MagaCell**

**Lanes 4, 6, 8, 10, and 12: DNA isolated by QIAamp**



**Figure 2. Agarose Gel Electrophoresis of Plasmid DNA isolated from bacterial cell lysates, using MaCell™ or Qiagen QIAprep Miniprep Kit. Two different sizes of high quality plasmid DNA were isolated by both methods.**

**Lanes 1 and 12: 1 Kb DNA Ladder**

**Lane 2: Plasmid DNA PBA117 Control**

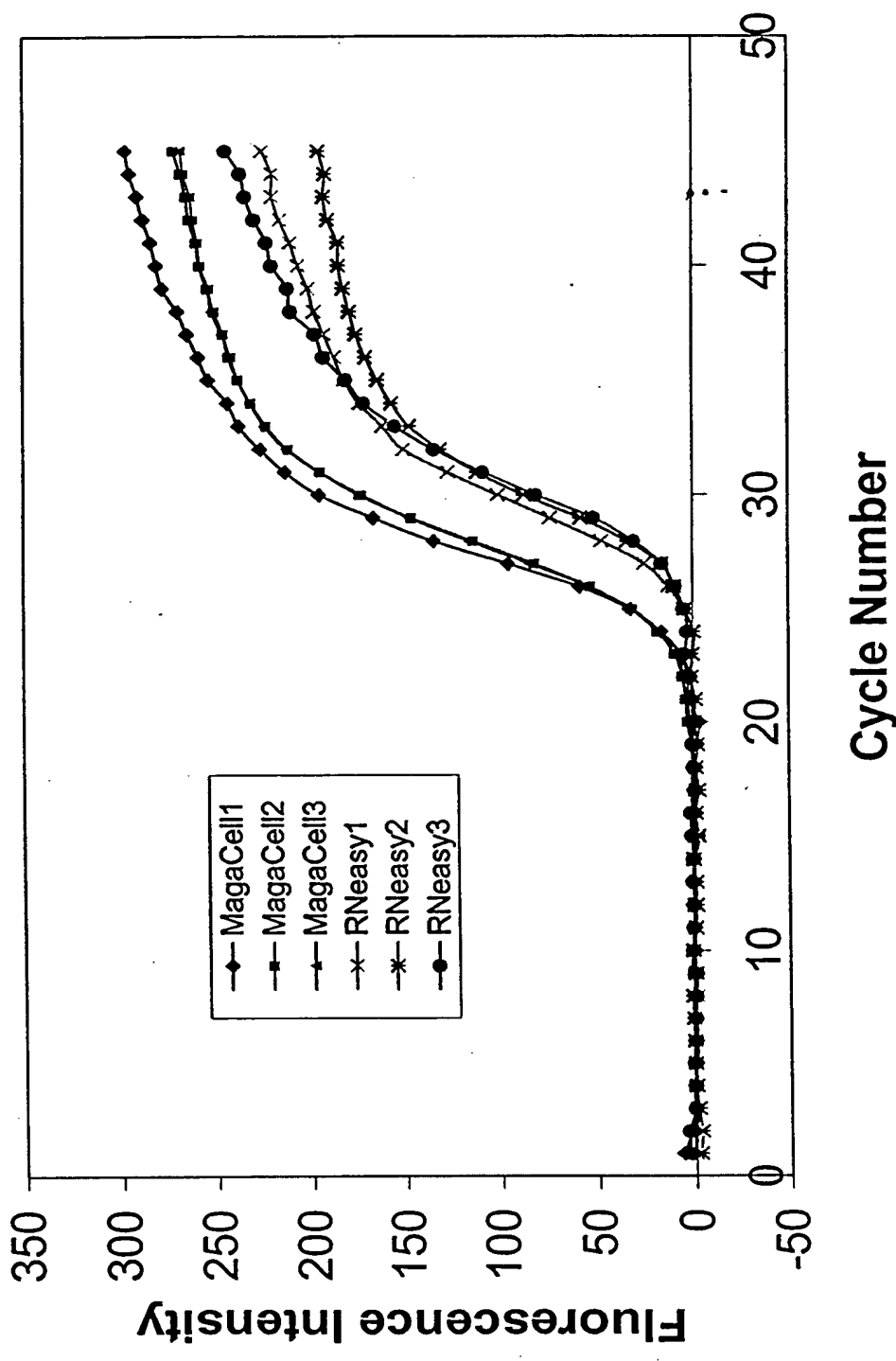
**Lanes 3, 4, 6, and 7: Plasmid DNA PBA117 isolated by MagaCell**

**Lanes 5 and 8: Plasmid DNA PBA117 isolated by QIAprep Miniprep**

**Lanes 9 and 10: Plasmid DNA PBA8 isolated by MagaCell**

**Lane 11: Plasmid DNA PBA8 isolated by QIAprep Miniprep**

Figure 3. Real Time RT-PCR Quantitation of MS2 Viral  
RNA Isolated by MagaCell™ or RNeasy Kit



Significant increase in fluorescence intensity was observed after 26 cycles of amplification when MagaCell-purified RNA was used as compared to 29 cycles when RNeasy-purified RNA was used.